

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail Box ISSUE FEE**
Commissioner for Patents
Washington, D.C. 20231
Fax (703)746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

26379 7590 04/22/2003

GARY CARY WARE & FREIDENRICH LLP
1755 EMBARCADERO ROAD
PALO ALTO, CA 94303-3340
2000 University Avenue
Palo Alto, CA 94303-2248

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Kathleen LaBrie

(Depositor's name)

Kathleen LaBrie

(Signature)

July 22, 2003

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/916,701	07/26/2001	Boon-Siew Ooi	021040-000800US	9267

TITLE OF INVENTION: METHOD FOR SHIFTING THE BANDGAP ENERGY OF A QUANTUM WELL LAYER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	<input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/> YES	\$1300	\$300	\$1600	07/22/2003
EXAMINER	ART UNIT	CLASS-SUBCLASS			
MULPURI, SAVITRI	2812	438-022000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Gray Cary Ware & Freidenrich LLP

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Phosistor Technologies,
Incorporated

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Pleasanton, California

Please check the appropriate assignee category or categories (will not be printed on the patent)

individual corporation or other private group entity government

4a. The following fee(s) are enclosed:

Issue Fee

Publication Fee

Advance Order - # of Copies _____

4b. Payment of Fee(s):

A check in the amount of the fee(s) is enclosed.

Payment by credit card. Form PTO-2038 is attached.

The Commissioner is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 07-1890 (enclose an extra copy of this form).

Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)	(Date)
<i>Kathleen LaBrie</i>	July 22, 2003
<p>NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.</p> <p>This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.</p> <p>Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.</p>	

TRANSMIT THIS FORM WITH FEE(S)

 Effective 07/01/2003. Patent fees are subject to annual revision.		Complete if Known																																																																																																																																																																																																																					
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	09/916,701																																																																																																																																																																																																																				
TOTAL AMOUNT OF PAYMENT		(\$)	950.00																																																																																																																																																																																																																				
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																																																																																																																																																																																																					
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input type="checkbox"/> Deposit Account: Deposit Account Number Deposit Account Name <table border="1" style="margin-left: 20px; border-collapse: collapse;"> <tr><td style="padding: 2px;">07-1896</td></tr> <tr><td style="padding: 2px;">Gray Cary Ware & Freidenrich LLP</td></tr> </table>		07-1896	Gray Cary Ware & Freidenrich LLP	3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th colspan="4" style="text-align: center;">Fee Description</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td colspan="2">Surcharge - late filing fee or oath</td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td colspan="2">Surcharge - late provisional filing fee or cover sheet</td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td colspan="2">Non-English specification</td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td colspan="2">For filing a request for ex parte reexamination</td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td colspan="2">Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td colspan="2">Requesting publication of SIR after Examiner action</td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td colspan="2">Extension for reply within first month</td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td colspan="2">Extension for reply within second month</td></tr> <tr><td>1253</td><td>930</td><td>2253</td><td>465</td><td colspan="2">Extension for reply within third month</td></tr> <tr><td>1254</td><td>1,450</td><td>2254</td><td>725</td><td colspan="2">Extension for reply within fourth month</td></tr> <tr><td>1255</td><td>1,970</td><td>2255</td><td>985</td><td colspan="2">Extension for reply within fifth month</td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td colspan="2">Notice of Appeal</td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td colspan="2">Filing a brief in support of an appeal</td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td colspan="2">Request for oral hearing</td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td colspan="2">Petition to institute a public use proceeding</td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td colspan="2">Petition to revive - unavoidable</td></tr> <tr><td>1453</td><td>1,300</td><td>2453</td><td>650</td><td colspan="2">Petition to revive - unintentional</td></tr> <tr><td>1501</td><td>1,300</td><td>2501</td><td>650</td><td colspan="2">Utility issue fee (or reissue)</td></tr> <tr><td>1502</td><td>470</td><td>2502</td><td>235</td><td colspan="2">Design issue fee</td></tr> <tr><td>1503</td><td>630</td><td>2503</td><td>315</td><td colspan="2">Plant issue fee</td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td colspan="2">Petitions to the Commissioner</td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td colspan="2">Processing fee under 37 CFR 1.17(q)</td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td colspan="2">Submission of Information Disclosure Stmt</td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td colspan="2">Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>1809</td><td>750</td><td>2809</td><td>375</td><td colspan="2">Filing a submission after final rejection (37 CFR 1.129(a))</td></tr> <tr><td>1810</td><td>750</td><td>2810</td><td>375</td><td colspan="2">For each additional invention to be examined (37 CFR 1.129(b))</td></tr> <tr><td>1801</td><td>750</td><td>2801</td><td>375</td><td colspan="2">Request for Continued Examination (RCE)</td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td colspan="2">Request for expedited examination of a design application</td></tr> <tr><td colspan="2">Other fee (specify)</td><td colspan="2">Publication. Fee (\$300)</td><td colspan="2">300.00</td></tr> <tr> <td colspan="2" style="text-align: center;">*or number previously paid, if greater; For Reissues, see above</td> <td colspan="2" style="text-align: center;">Reduced by Basic Filing Fee Paid</td> <td colspan="2" style="text-align: center;">SUBTOTAL (3) (\$)</td> </tr> <tr> <td colspan="2" style="text-align: center;">SUBMITTED BY</td> <td colspan="4" style="text-align: center;">(Complete if applicable)</td> </tr> <tr> <td>Name (Print/Type)</td> <td>Alan A. Limbach</td> <td>Registration No. (Attorney/Agent)</td> <td>39,749</td> <td>Telephone</td> <td>650-833-2433</td> </tr> <tr> <td>Signature</td> <td></td> <td>Date</td> <td colspan="3">July 22, 2003</td> </tr> </tbody></table>		Large Entity	Small Entity	Fee Description				Fee Code	Fee (\$)	Fee Code	Fee (\$)			1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for ex parte reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	410	2252	205	Extension for reply within second month		1253	930	2253	465	Extension for reply within third month		1254	1,450	2254	725	Extension for reply within fourth month		1255	1,970	2255	985	Extension for reply within fifth month		1401	320	2401	160	Notice of Appeal		1402	320	2402	160	Filing a brief in support of an appeal		1403	280	2403	140	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavoidable		1453	1,300	2453	650	Petition to revive - unintentional		1501	1,300	2501	650	Utility issue fee (or reissue)		1502	470	2502	235	Design issue fee		1503	630	2503	315	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		1806	180	1806	180	Submission of Information Disclosure Stmt		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))		1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))		1801	750	2801	375	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify)		Publication. Fee (\$300)		300.00		*or number previously paid, if greater; For Reissues, see above		Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$)		SUBMITTED BY		(Complete if applicable)				Name (Print/Type)	Alan A. Limbach	Registration No. (Attorney/Agent)	39,749	Telephone	650-833-2433	Signature		Date	July 22, 2003		
07-1896																																																																																																																																																																																																																							
Gray Cary Ware & Freidenrich LLP																																																																																																																																																																																																																							
Large Entity	Small Entity	Fee Description																																																																																																																																																																																																																					
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																				
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																			
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																			
1053	130	1053	130	Non-English specification																																																																																																																																																																																																																			
1812	2,520	1812	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																																																			
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																			
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																			
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																																																			
1252	410	2252	205	Extension for reply within second month																																																																																																																																																																																																																			
1253	930	2253	465	Extension for reply within third month																																																																																																																																																																																																																			
1254	1,450	2254	725	Extension for reply within fourth month																																																																																																																																																																																																																			
1255	1,970	2255	985	Extension for reply within fifth month																																																																																																																																																																																																																			
1401	320	2401	160	Notice of Appeal																																																																																																																																																																																																																			
1402	320	2402	160	Filing a brief in support of an appeal																																																																																																																																																																																																																			
1403	280	2403	140	Request for oral hearing																																																																																																																																																																																																																			
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																			
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																																																			
1453	1,300	2453	650	Petition to revive - unintentional																																																																																																																																																																																																																			
1501	1,300	2501	650	Utility issue fee (or reissue)																																																																																																																																																																																																																			
1502	470	2502	235	Design issue fee																																																																																																																																																																																																																			
1503	630	2503	315	Plant issue fee																																																																																																																																																																																																																			
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																																																			
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																																																			
1806	180	1806	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																			
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																			
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																			
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																			
1801	750	2801	375	Request for Continued Examination (RCE)																																																																																																																																																																																																																			
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																																																			
Other fee (specify)		Publication. Fee (\$300)		300.00																																																																																																																																																																																																																			
*or number previously paid, if greater; For Reissues, see above		Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$)																																																																																																																																																																																																																			
SUBMITTED BY		(Complete if applicable)																																																																																																																																																																																																																					
Name (Print/Type)	Alan A. Limbach	Registration No. (Attorney/Agent)	39,749	Telephone	650-833-2433																																																																																																																																																																																																																		
Signature		Date	July 22, 2003																																																																																																																																																																																																																				

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

GRAY CARY WARE & FREIDENRICH

401 B STREET, SUITE 2000 SAN DIEGO, CA 92101

CHECK NO.:

541016

INVOICE	DATE	AMOUNT	
7/21/03 22260-1	07-21-03	950.00	2103248-990140 K. LaBrie x2438

VENDOR ID: cpt

THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND ON WHITE PAPER

GRAY CARY WARE & FREIDENRICH

401 B STREET, SUITE 2000
SAN DIEGO, CA 92101-4240

COMERICA - Controlled Disbs
Comerica Bank & Trust, NA

CHECK NO. 541016

DATE 07/21/03

AMOUNT OF CHECK
***** 950.00

NINE HUNDRED FIFTY AND 00/100 U.S.Dollar

GRAY CARY WARE & FREIDENRICH
GENERAL ACCOUNT

PAY
TO THE
ORDER OF

COMMISSIONER OF PATENTS & TRADEMARKS

Randy M. Mh
Susan M. Plummer

VOID AFTER 180 DAYS

THE BACK OF THIS DOCUMENT CONTAINS AN ARTIFICIAL WATERMARK - HOLD AT AN ANGLE TO VIEW

541016 072404786 2176989081